

# Work Order ID 84876

\*84876\*

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May 29, 2012 7:20:17 AM

Item ID: D4305-1 Accept \*N900040100\* Setup Start \*NS1\*  
 Revision ID: Stop \*NS2\*  
 Item Name: Buckle Half  
 Start Date: 5/29/12 Start Qty: 3.00 \*3\* Cust Item ID:  
 Required Date: 5/31/12 Req'd Qty: 3.00 \*3\* Customer:

## Reference:

Approvals: Process Plan: CL Date: 12/05/29 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start \*NR1\*  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D4305	A

100 0.00  
 \*100\*  
 Purchasing Memo 0.00  
 Purchasing Issue P/O: 17070  
 Supplier: AMSAFE P#4181-201141 2396  
 Material release note required

CL 12/05/29 (3)

110 Receive & Inspect for Damage & Mat'l Certs 0.00  
 \*110\*  
 Packaging Memo 0.00  
 Packaging

12/05/29 (3)

120 QC6- Inspect dimensions to drawing 0.00  
 \*120\*  
 QC Memo 0.00  
 Quality Control

8/17/06/14

(3)

T

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

May 29, 2012 7:20:17 AM

**Item ID:** D4305-1

**Accept**

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

**Item Name:** Buckle Half

Stop \*NS2\*

**Start Date:** 5/29/12      **Start Qty:** 3.00      **\*3\***

**Cust Item ID:**

**Required Date: 5/31/12      Req'd Qty: 3.00      \*3\***

**Customer:**

**Reference:**

**Approvals:**      **Process Plan:** \_\_\_\_\_ **Date:** \_\_\_\_\_ **Tooling:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Run Start \*NR1\*

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop **\*NR2\***

Sequence ID/  
Work Center ID

## Operation Description

## Set Up/ Run Hours

**Tool ID**

Tool #

**Plan  
Code**

**Accept  
Qty**

Reject  
QtyReject  
Number

**Insp.  
Stamp**

130

Identify as per dwg & Stock Location: ST 33 0.00

0.00

**\*130\***

## Packaging

## Memo

0.00

## Packaging

140

QC21- Final Inspection - Work Order Release

0.00

\*140\*

QC

## Memo

0.00

## Quality Control

3x \_\_\_\_\_ ~~SD~~  
12-6-

M.LJ 12106101

ME  
12-06-01

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

May 29, 2012 7:20:17 AM

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Work Order ID: 84876

Parent Item: D4305-1

Parent Item Name: Buckle Half

Start Date: 5/29/12

Required Date: 5/31/12

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A 11.03.01 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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~~4181-201~~

Buckle Half

Purchased

No

110

Each

0.0000

1

3

19-12/15/01 (3)

4/81-201/12396

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries







# ENGINEERING ORDER

DRAWING NO:		DRAWING TITLE:		CHANGE ORIGATION:			
4181		RESTRAINT SYSTEM ASSEMBLY		ECR: 10038 CUSTOMER: DART AEROSPACE ECR REQ BY: TOM HODGDON DATE OF REQUEST: 03-01-2011 ECR DUE DATE: 03-08-2011			
LTR:	EC AMENDMENT	FAA:		CLASS:			
J		MAJOR	MINOR	1	2		
			X	X			
AFFECTED DOCUMENTS:		AFFECTED COMPONENTS:		HIGHER ASSY AFFECTED		YES	NO
YES NO				DRAWING NUMBER(S)			X
MFG/TEST/INSP						ORIGINATED BY:	
CMM/IPL 25-20-117		X				R.ARNETT	
PMA						ORIGINATION DATE:	
REGULATORY		*				5-14-12	
AFFECTED DOC NOS.						APPROVAL	
* FAA NOTIFICATION		TOOLING		YES NO		ENGINEERING	
		AFFECTED		X		DATE	
						5/17/12	
REASON(S) FOR CHANGE						DESIGN	
CUSTOMER NEEDS THE LAP BELT ADJUSTMENT DIRECTION TO BE REVERSED.						DATE	
						5.15.12	
						QUALITY	
						DATE	
						5-17-12	
						MANUFACTURING	
						DATE	
						5-17-12	
						MARKETING/CUST	
						DATE	
						5.15.12	
						PLANNING	
						DATE	
						5/17/12	
						RELEASE	
						DATE	
						5-18-12	
DESCRIPTION OF CHANGE(S):							
IN TRIM & FINISH CODE TABLE, ADDED LAP CONFIG COLUMN AND CODE 19.  ADDED ACM NOTATION ABOVE L/M.  ON SHEET 2, LABELED VIEW OF EXISTING LAP BELT AS VIEW A.  ADDED SHEET 3.  ADDED LAP BELT VIEW B (ON SHEET 3).							



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO17070

Purchase Order Date 5/29/12

PO Print Date 5/29/12

Page Number 1 of 1

Order From :

VU-AMS001

AMSAFE INC.  
LOCKBOX #5  
P.O BOX 53075  
PHOENIX, AZ 85072-3075  
US

Contact Name

Vendor Phone 602 850 2850

Vendor Fax 602 850 2812

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

RECEIVED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	4181-2011912396	Buckle Half	5/31/12 Yes	3.00 Each	FedEx PI collect	\$72.1800	\$216.54
Special Inst: AS PER DWG D4305 REV. A B84876 AMSASE P/N:4181-2011912396							
2	4181-2031912396	Connector Half	5/31/12 Yes	3.00 Each	FedEx PI collect	\$203.4200	\$610.26
Special Inst: AS PER DWG D4305 REV. A B84877 AMSAFE P/N: 4181-2031912396							

PO Total:

\$826.80



Change Nbr: 2

Change Date: 5/29/12

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required YES NO

# AmSafe

1043 NORTH 47th AVENUE  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)850-2812

## SHIPPER/CERTIFICATION



<b>CUSTOMER NO.</b> 10006113	<b>SALES ORDER NO.</b> S234270	<b>BOL NO.</b> 000267323	<b>DATE PRINTED</b> 05/31/12	<b>PAGE NO.</b> 1
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DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
ONTARIO, CANADA K6A 1K7  
Canada

DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKESBURY,, ON K6A 1K7  
Canada

<b>CUSTOMER ORDER NO.</b> PO17070	<b>TERMS</b> NET30	<b>FREIGHT</b> COLLECT	<b>SHIP VIA</b> FedEx P1 10:30 AM	<b>F.O.B.</b> ORIGIN
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Ship to ID: 10006125

Sales Order Remarks: 1517-9324-0

Remarks:

5/29/12 CHG:ADDED TOP ASSY P/N TO BOTH LINES

SHIPMENT REFERENCE 000267323

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	4181-2011912396 BUCKLE HALF ASSY	DRAWING: 4181 REV: J <i>S234270-1</i> CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S234270-1 3.0 TOP ASSY P/N 4181-2-191-2396	2012-05-30	3 Expire Ref.	3 3	0
2	4181-2031912396 CONN HALF ASSY	DRAWING: 4181 REV: J CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S234270-2 3.0 TOP ASSY P/N 4181-2-191-2396	2012-05-30	3 Expire Ref.	3 3	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications/Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X \_\_\_\_\_

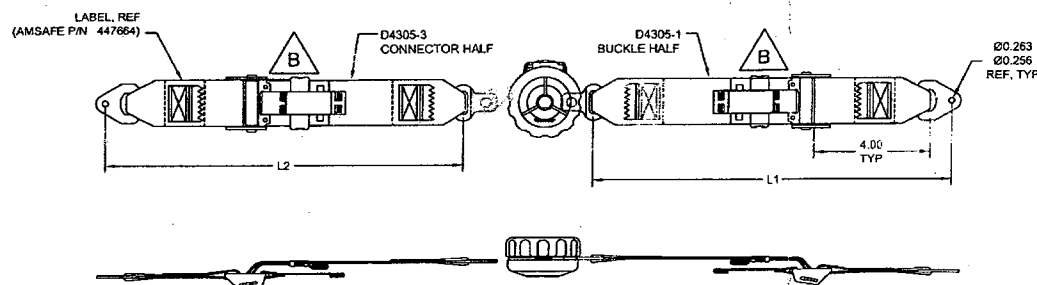
Printed Name: \_\_\_\_\_

Dated:   5/31   /   12   /   2012  

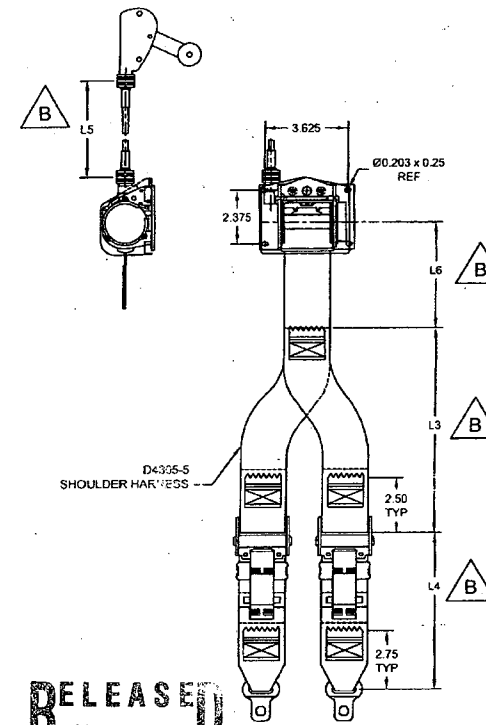
COUNTRY OF ORIGIN USA

# SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6
D4305-1	4181-2011912396	BUCKLE HALF	AMSAFE	30.00					
D4305-3	4181-2031912396	CONNECTOR HALF	AMSAFE		30.00				
D4305-5	4181-2071912396	SHOULDER HARNESS	AMSAFE			49.00	4.00-26.00	22.00	40.00



C212106101  
W10: 84876



RELEASED  
2012-05-28  
WP

## NOTES:

- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-191-2396  
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY  
MEETS REQUIREMENTS OF TSO-C114  
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607  
TO CONTAIN THE FOLLOWING AT MINIMUM:  
MANUFACTURER P/N: 4181-2-191-2396  
CUST P/N: D4305-041  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 3.36 lbs

D4305-041 SHOULDER HARNESS

B	REVERSED ORIENTATION OF ADJUSTER ASSEMBLIES ON D4305-1 AND D4305-3. L1 & L2 WERE 24.00. L4 REDEFINED. L3 WAS L5 AND WAS 18.00. L6 ADDED. L5 WAS L6 AND WAS 30.00. UPDATE AMSAFE PART NUMBERS.	RP	12.05.25
A	NEW ISSUE	RF	10.11.26
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RP		
CHECKED	WP		
MFG APPR.	WP		
APPROVED	WP		
DE APPR.	WP		
DATE	12.05.25		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA  
DRAWING NO. DSC-D4305  
REV. B  
SHEET 1 OF 1  
TITLE SHOULDER HARNESS  
SCALE NTS  
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